

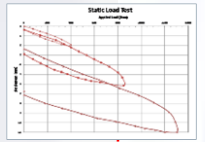


WHAT IS QUASI-STATIC LOAD TEST?

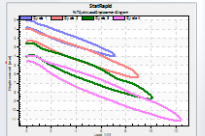
CP4: 2003 CI 7.6.6

- ❑ In this method, the duration of loading applied to the pile top is in between the static loading condition and dynamic loading condition...
- ❑ The loading duration minimizes the stress-wave effects and compresses the pile shaft as a rigid body similar to that of conventional static load test...
- ❑ The load-displacement plot is similar to that of static load test...

Static
Test
Results



StatRapid
Test
Results



QUASI-STATIC LOAD TEST WORLDWIDE



StatRapid at Urk, Netherlands



Brugge, Belgium



StatRapid at Rostock, Germany



Statnamic catch mechanism at McMurray, Canada



US 90 Biloxi Bay 24-in Statnamic Catch mechanism



2200T Statnamic test on cylinder piles at St. George Island Bridge
Applied Foundation Testing Inc.



30 MN testing of 42mm dia. pipe pile, Woodrow Wilson Bridge, Washington, DC



30MN Statnamic Load Test at Kuala Lumpur, Malaysia



Testing near buildings, Anderson Primary School, Singapore



30MN load test 17th street Causeway Bridge Replacement in Ft. Lauderdale, Florida



Statnamic at Empress Place & Esplanade Park



Hybridnamic 70T, Japan
Source: Jibenshiyoko Co., Ltd.

